

S/119/62/000/002/005/010
D201/D301

A review of the ...

of the instrument pointer into proportional air pressure; type EPP-5113 does the same with d.c. 1-5mA currents. The absolute error of transducers does not exceed 1%. The pneumatic regulator РПИ-338 (RPI-338) has a proportional-integrating action and is used in conjunction with pneumatic pick-ups for automatic control of various technological parameters. A Subsidiary unit ЭПЛ-322 (EPP-322) introduces into the control system supplementary derivative pulses. The computer arrangement as added to the AVS system, consists of the following units: 1) A summing device СЛ-5017 (SP-5017) for the addition of up to 4 pressure pulses multiplied by constant factors (summing error less than 0.5%; 2) a standardized pressure relay УПР-5011 (UPR-5011) for several logical and mathematical operations; 3) a ratio element; 4) ratio pick-up 3-СТ-5269 (3-ST-5269) which in conjunction with the regulator PPI-338 controls the ratio of two parameters; 5) a functional transducer for squaring, root extraction etc. The indication and recording secondary instrument set consists of a profile indicator ПМ-5245 (PM-5245) and recorder ВПП-344 (VPP-344). A new type of force compensated indicator ПП-5246 (PP-5246) has been developed. As output stage a piston-type mechanism ПИМ-401 (PIM-401) ✓

Card 3/4

A review of the ...

S/119/62/000/002/005/010
D201/D301

has been developed, displacing the control organ in proportion to the input command air pressure. Piston travel 200 mm, effective area 100 cm², non-linearity less than $\pm 1\%$. Subsidiary apparatus consists of the following: 1). Remote control panel ПДУ-5041 (PDU-5041); 2) Precision air pressure reducing valve ПРВ-328 (PRU-328); 3) Air pressure reducing valve РВ-5022 (RV-5022); 4) Air filter ФВ-5036 (FV-5036) for max. static pressure of 10 kg/cm² with the capacity of 10 l/min and a pressure loss of 0.01 kg/cm². There are 4 figures. ✓

Card 4/4

BEKENSHTEYN, V.A.; KRIVVOY, TS.P.

Survey of the system of the AUS-TSLA pneumatic devices. Priboro-
stroenie no.2:14-16 F '62. (MIRA 15:2)
(Pneumatic control)

1. BEKENSKIY, B.
2. USSR (600)
4. Ships - Cargo
7. Introduction of Prof. G. Ye. Pavlenko's work charts. Mor. flot. 13, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ACC NR: AM5028932

(N)

Monograph

UR/

Afonin, Z. M. (Engineer); Bekenskiy, B. V. (Engineer); Belan, F. N. (Engineer);
Goryanskiy, YU. V. (Candidate of Technical Sciences); Grigor'yev, YA. N. (Engineer);
Kovalevskiy, G. V. (Candidate of Technical Sciences)

Theory and equipment of ships (Teoriya i ustroystvo sudov) Moscow, Izd-vo "Transport",
65. 0371 p. illus., biblio. Errata slip inserted. 8,000 copies printed.

TOPIC TAGS: shipbuilding engineering, marine engineering, ship component, ship
navigation, marine engine, hydrodynamics /

PURPOSE AND COVFRAGE: This book studies the problems of the theory of ships (statics
and dynamics) and gives a basic survey of ship engines, construction and the stabi-
lity of a ship's hull, structures and systems. This manual is recommended for stu-
dents in ship navigation departments of the higher engineering marine schools and al-
so can be used by students in other departments of the same schools. This book would
be useful for students and engineers in the Navy.

TABLE OF CONTENTS (abridged):

Preface—3

Introduction—4

Ch. I. Bouyancy of ships—9

Ch. II. Initial stability of ships —29

Card 1/2

UDC:629.12(0.75.8)

ACC NR: AM5028932

Ch. III. Stability at great angles of inclination--61
Ch. IV. Nonsinkability of ships--81
Ch. V. Principle data from hydromechanics--88
Ch. VI. Resistance of water to movement of the ship--100
Ch. VII. Propeller blades--128
Ch. VIII. Ship navigation--160
Ch. IX. Roll of a ship--174
Ch. X. Present architectural and construction types of ships--198
Ch. XI. Durability of ships--212
Ch. XII. Construction of the hull of a ship--227
Ch. XIII. Ship structures--270
Ch. XIV. Ship systems--332
Bibliography--367

SUB CODE: 13/ SUBM DATE: 04Jun65/ ORIG REF: 035

Card 2/2

BEKENSKIY, Boris Vladimirovich; GORYANSKIY, Yu.V., kandidat tekhnicheskikh nauk, dotsent, redakter; SANDLER, N.V., redakter; VOLKOVA, Ye., tekhnicheskii redakter.

[Applied calculations according to ship theory; textbook on ship operations] Prikladnye raschety po teorii korablia; posobie po ekspluatatsii sudna. Pod red. Yu.V.Gorianskogo. Moskva, Izd-vo "Morskoi transport", 1955.297 p. (MLRA 9:5)
(Navigation) (Naval architecture)

BEKINSKIY, Boris Vasil'yevich; GORYANSKIY, Yu.V., spetsred.; SANKLER,
N.V., red.izd-va; DROZHZHINA, I.P., tekhn.red.

[Calculating the navigability of a ship; as applicable to ship
handling practices] Raschety morekhnodnykh kachestv sudna;
primenitel'no k morskoi praktike. Leningrad, Izd-vo "Morskoi
transport," 1959. 370 p. (MIRA 13:3)
(Naval architecture) (Ship handling)

BRENNY, G.

Neurological sequels of streptomycin therapy. Orv. hetil. 93 no. 38:
1077-1087 21 Sept 1952. (GLML 23:5)

1. Doctor. 2. Psychiatric and Neurological Clinic (Director -- Prof.
Dr. Gyula Nyiro), Budapest Medical University.

BRENNY, G.

Relation of neurotoxicity of streptomycin and dihydrostreptomycin. Orv.
hetil. 94 no.10:267-269 8 Mar 1953. (CML 24:4)

1. Doctor. 2. Psychiatric and Neurological Clinic (Director -- Prof.
Dr. Gyula Nyiro), Budapest Medical University.

BEKENYI, Gyorgy
HORANYI, Mihály dr.; HOLLO, Istvan, dr.; BEKENYI, Gyorgy, dr.

Unusual aspects of the effect of methylandrostenediol therapy of nitrogen metabolism in myotonia dystrophica. Magy. belorv. arch. 7 no.1:15-20 Feb 54.

1. A Budapesti Orvostudományi Egyetem I. sz. Belklinikájának (igazgató: Ruzsnyák István dr. egyetemi tanár) és Ideg-es Elmeklinikájának (igazgató: Nyíró Gyula dr. egyetemi tanár) közleménye.

(MYOTONIA ATROPHICA, ther.

methylandrostenediol, eff. on nitrogen metab.)

(NITROGEN, metab.

in myotonia dystrophica, eff. of methylandrostenediol)

(ANDROGENS, ther. use

methylandrostenediol in myotonia dystrophica, eff. on nitrogen metab.)

BEKESY, Gyorgy, dr.; KRAFT Franciska, dr.

Photogenic epilepsy; intermittent photic stimulation in the EEG.
Orv. hetil. 95 no.39:1053-1060 26 Sept 54.

1. A Budapesti Orvostudományi Egyetem Elme és Idegkörtani Klinika-
jának (igazgató: Nyíró Gyula dr. egyet. tanár) közleménye.
(EPILEPSY
photic, EEG)
(ELECTROENCEPHALOGRAPHY, in various dis.
epilepsy, photic)

BECKNY, G., dr.

On psychopathological changes due to nicotinic acid deficiency.
Ther. hung. no.2:10-14 1955.

1. Clinic of neurology and psychiatry (Director: Prof. G. Nyiro),
university medical school, Budapest.

(NICOTINIC ACID, defic.
causing various dis. (Hun))

REKENTY, Gyorgy, dr.; FENYES, Gyorgy, dr.

Angiographic diagnosis of seven cases of primary thrombosis of the internal carotid artery. Ideg. szemle 8 no.3:78-87 June 55.

1. A Budapesti Orvostudományi Egyetem Elme- és Idegkörtani Klinikájának (igazgató: Nyíró Gyula dr.) és az Országos Idegsebészeti Tudományos Intézet (igazgató: Soltán László dr.) közleménye.

(ARTERIES, CAROTID, dis.

thrombosis of internal carotid, diag. by angiography (Hun))

(THROMBOSIS

carotid artery, internal, diag. by angiography (Hun))

(ANGIOGRAPHY

carotid, diag. value in thrombosis of internal carotid artery (Hun))

BEKENY, Gyorgy; KRAFT, Franciska; LANG, Sandor

Investigations on metabolism in myopathies treated with
methylandrostendiol (neosteron). *Magy. belorv. arch.* 8 no.4:
101-105 Aug 55.

1. A Budapesti Orvostudományi Egyetem Elme- és Idegkörtani
Klinikájának. (Igazgató: Nyíró, Gyula egyetemi tanár) közleménye.
(MUSCLES, diseases,
ther., methylandrostendiol, eff. on metab.)
(ANDROGENS, therapeutic use,
methylandrostendiol in musc. dis., eff. on metab.)

BEKONY, Gyorgy, dr..; KRAFT, Franciska, dr..; LANG, Sandor, dr.

Methylandrosterdiol (neosteron) in the treatment of
progressive muscular dystrophy. Orv. hetil. 96 no.8:211-212 20
Feb 55.

1. A Budapesti Orvostudományi Egyetem Elme-es Idegkörtani
Klinikájának (igazgató: Nyíró Gyula dr. Egyetemi tanár)
közleménye.

(PROGRESSIVE MUSCULAR DYSTROPHY, therapy,
methylandrosterdiol)

(ANDROGENS, therapeutic use,
methylandrosterdiol in progr. musc. dystrophy)

HEKENDY, Gyorgy, dr.

Cases of infantile pseudomyopathic polymyositis. Orv. hetil. 97
no.27:744-748 1 July 56

1. A Budapesti Orvostudományi Egyetem Elme-es Idegkörtani
Klinikájának (igazgató: Nyíró Gyula dr. egyet. tanár) közleménye.
(MYOSITIS
polymyositis, pseudomyopathic, in child (Hun))

BEKESY, Gyorgy; KRAFT, Franciska; LANG, Sandor

Methylandr stendiol (neosteron) in the therapy of progressive muscular dystrophy. Orv. hetil. 98 no.29:796-798 21 July 57.

1. A Budapesti Elne- es Idegkortani Klinika (igazgato: Nyiro, Gyula, dr. egyet. tanar) kozlensege.

(ANDROGENS, ther. use

17a-methyl- Δ 5(6)-androstene-3 β ,17 β -diol dipropionate in progressive musc. dystrophy (Hun))

(PROGRESSIVE MUSCULAR DYSTROPHY, ther.

17a-methyl- Δ 5(6)-androstene-3 β ,17 β -diol dipropionate (Hun))

BEKENY GYORGY, Dr.

Sjogren syndrome with myelopathy. Magy. belorv. arch. 10 no.2-3:
87-89 Apr-June 57.

1. A Budapesti Orvostudományi Egyetem Elme-es Idegkórtani klinikájának
(igazgató: Nyíró Gyula dr. egyetemi tanszék) közleménye.

(SJOEGREN SYNDROME, compl.

myelosis funicularis, case report (Hun))

(SPINAL CORD, dis.

myelosis funicularis with Sjogren synd., case report (Hun))

BEKENY, György, Dr.

Extinction as the disturbance of the coordination of specific and non-specific afferent systems. Ideg. szemle 12 no.2:42-49 Feb 59.

1. Budapesti Orvostudományi Egyetem Neurológiai Klinikájának (Ig. dr. Horányi Béla egyetemi tanár) közleménye.

(SENSATION)

extinction as disturbance of coordination of specific & non-specific afferent system (Hung.)

BERENYI, Gyorgy, dr.; HASZNOS, Tivadar, dr.; SOLTI, Ferenc, dr.

Investigations on paroxysmal myoplegia. I. Hypokalemic form.
Electrophysiological investigations, determination of aldosterone
excretion and muscle biopsy in familial cases. Ideg.szemle 13
no.1:1-14 Ja '60.

1. A Budapesti Neurológiai Klinika (ig.: Horanyi Bela dr. egyet.
tanar) és a Budapesti I. Belklinika (ig.: Husznyak Istvan dr.
egyet. tanar) közleménye.

(PARALYSIS etiol)

(POTASSIUM deficiency)

(ALDOSTERONE urine)

(ELECTROENCEPHALOGRAPHY)

BEKONYI, Gyorgy, dr.; KRAFT, Franciska, dr.; LANCZ, Sandor, dr.

Use of durabolin (19-nor-androstenolone phenylpropionate) in
the therapy of progressive muscular dystrophy. Orv.hetil.
101 no.7:229-234 F '60.

1. Budapesti Orvostudományi Egyetem, Neurológiai Klinika.
(MUSCULAR DYSTROPHY ther.)
(TESTOSTERONE rel. opds.)

SOLTI, Ferenc, dr.; BEKENTY, Gyorgy, dr.

Electrocardiographic and circulatory changes in familial
paroxysmal paralysis with special reference to disorders of
potassium metabolism. Orv.hetil.101 no.35:1235-1238 28 Ag '60.

1. Budapesti Orvostudományi Egyetem, I. sz. Belklinika és
Idegkörtani Klinika.

(ELECTROCARDIOGRAPHY)

(PARALYSIS)

(POTASSIUM metab)

~~BEKERY, Gyorgy, dr.~~

Investigations on paroxysmal myoplegia. III. Permanent lesions of the skeleto-muscular system. Metabolic development of a myopathy. Ideg. szemle 13 no.12:262-282 D'60.

1. A Budapesti Orvostudományi Egyetem Neurologia Klinikájának
(Igazgató: dr. Horányi Béla, egyetem tanár) közleménye.
(MUSCLES dis)

BEKENY, Gyorgy, dr.; PETER, Agnes, dr.

Polyopia and polinopsia. Ideggyogy. szemle 14 no.4:107-119 Ap '61.

1. A Budapesti Orvostudományi Egyetem Neurológiai Klinikájának
(Igazgató: Horányi Béla dr.) közleménye.

(VISION)

BEKENY, Gyorgy, dr.; MASSANYI, Lajos, dr.; PINTER, Jozsef, dr.

Myositis fibrosa. Successful treatment of a case with severe contractures of the lower extremity with steroid hormones and surgery. Orv. hetil. 102 no.43:2041-2046 22 0 '61.

1. Budapesti Orvostudományi Egyetem, Neurológiai Klinika és Orthopaédiai Klinika.

(FIBROSITIS ther) (STEROIDS ther)

BEKENY, Gyorgy, dr.; KORONA, Arpad, dr.

Data on neurological complications in spinal anesthesia. Ideg.szemle
15 no.1:1-9 Ja '62.

1. A Budapesti Orvostudományi Egyetem Neurológiai klinikájának (ig.:
Horanyi Bela dr., egyetemi tanár) közleménye.

(ANESTHESIA SPINAL compl)

BEKENY, Gyorgy, dr.; KRAFT, Franciska, dr.

Ischemic nerve-muscle injury of the lower extremity after muscle strain. Orv. hetil. 103 no.4:167-171 Ja '62.

1. Budapesti Orvostudományi Egyetem, Neurologiai Klinika.

(LEG blood supply) (ISCHEMIA complications)
(PARALYSIS etiology)

HUNGARY

BEKENY, Gyorgy, Dr; Medical University Neurological Clinic (Orvostudományi Egyetem Neurológiai Klinikája) (Director: HORANYI, Bela, Dr, Professor), Budapest.

"Pseudomyopathic Forms of Polymyositis."

Budapest, Ideggyógyászati Szemle, Vol 16, No 1, Jan 63, pp 19-27.

Abstract: Muscle biopsies and electromyography have shown that numerous cases of proximal muscle dystrophy and weakness are not progressive muscular dystrophy but some kind of a pseudomyopathic syndrom. Of these, the author discusses chronic polymyositis (PM). A review of the pertinent literature is followed by the description of several cases which the author has encountered since 1954, all of which support his view that pseudomyopathic PM represents an important problem of neurological practice. Six cases are described in detail and the article is to be continued in the next issue of the journal. No reference are given in this part of the paper.

1/1

HUNGARY

BEKENY, Dr Gyorgy, of the Neurological Clinic (Neurologiai Klinika)
(Director: HORANYI, Prof Dr Bela) of the Budapest College of Medicine
(Budapesti Orvostudományi Egyetem).

"On the Pseudomyopathic Form of Polymyositis, Part II."

Budapest, Idősgyógyászati Szemle, Vol 16, No 2, Feb 63; pp 45-64.

Abstract [Author's Hungarian summary]: On the basis of literature data and ten of his own cases the author discusses the differentiation between progressive muscular dystrophy (PMD) and the pseudomyopathic form of polymyositis (PM). In the case of proximal muscular atrophy and weakening, the PM origin is brought to attention by the following peculiarities: In the course of the disease PM origin is indicated by the relatively acute beginning, fast rate of development, significant spontaneous or pharmacogenic improvement, remissive course. However, even when the disease has lasted for several years, and even when it is characterized by a continuous slow progression over decades, a pseudomyopathic PM (or muscular sarcoidosis) is not excluded, since a considerable part of the pseudomyopathic PM cases has a chronic course. In the area of muscular changes in many of his cases, the author found it characteristic of PM

1/2

172 refs.

BEKENY, Gyorgy, dr.

Pseudomyopathic form of polymyositis. Ideggyogy. szemle 16 no.1:19-27
cont. Ja '63.

1. A Budapesti Orvostudományi Egyetem Neurológiai Klinikájának (Igaagato:
Horanyi Bela dr. egyetemi tanár) közleménye.
(MYOSITIS) (PREDNISOLONE) (MUSCULAR DYSTROPHY)
(DIAGNOSIS DIFFERENTIAL)

BEKENY, Gyorgy, dr.

On the pseudomyopathic form of polymyositis. Ideggyogy. szemle 16
no.2:45-64 F '63.

1. A Budapesti Orvostudományi Egyetem Neurológiai Klinikájának
(Igazgató: Horányi Béla dr. egyetemi tanár) közleménye.
(MYOSITIS) (MUSCULAR DYSTROPHY) (ADRENAL CORTEX HORMONES)
(DERMATOMYOSITIS)

BEKENY, Gyorgy, dr.

On the pseudomyopathic form of polymyositis. Ideggyogy. szemle 16
no.1:19 Ja '63.

1. A Budapesti Orvostudományi Egyetem Neurológiai Klinikájának
(Igazgató: Horányi Béla dr. egyetemi tanár) közleménye.
(NO SUBJECT HEADINGS)

SOLTI, F.; ZADORY, E.; BEKENY, Gy.

Electrocardiographic and circulatory changes in progressive muscular dystrophy. Acta med. acad. sci. hung. 19 no.1:1-10 '63.

1. First Department of Medicine (Director: Prof. I. Rusznyak)
and Department of Neuropathology (Director: Prof. B. Horanyi),
University Medical School, Budapest.

(MUSCULAR DYSTROPHY) (ELECTROCARDIOGRAPHY) (BLOOD CIRCULATION)
(DYSPNEA) (BLOOD PRESSURE) (PULSE) (HEART) (PHYSIOLOGY)

BEKER, Leszek, mgr inż.

Multizone rectification of air pictures. Pt.2. Przegl geod 37
no.3:110-114 Mr '65.

BEKER, Leszek, mgr inż.

Multizonal rectification of air photos. Pt.1. Przegl geod 37
no.2;72-76 P '65.

BEKER, M.; FAJNER, T.

The use of rare metals. (To be contd.) p. 252. CHEMIK. Katowice.
Vol. 8, no. 9, Sept. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

Beker, M.

Beker, M., and Fajner, T.: Postęp techniczny w przemyśle chemicznym. Warszawa: Państwowe Wyd. Tech. 1955. 163 pp. zł 11.20.

chem 2

BEKER, M.; FAJNER, T.

The career of rare metals. p. 69 Vol. 8, no. 3, Mar. 1955
Katowice

CHEMIK

SOURCE: East European Accession List (BEAL) Library of Congress
Vol. 5, no. 8, August 1956

BEKER, M

The "career" of rare metals. p. 110. ACTA PHYSICA POLONICA
Warszawa. Vol. 9, No. 4, Apr. 1956.

East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 11, August 1956.

BEKER MAREK

POLAND/Chemical Technology - Chemical Products and Their
Application. Treatment of Solid Mineral Fuels.

I-7

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2440

Author : Beker Marek, Wolnicki Eugeniusz

Inst : -

Title : Effectiveness of Chemical Processing of Coal.

Orig Pub : Inwet. 1 budown., 1957, 7, No 5, 16-19

Abstract : To determine whether it is more advantageous to export coal or the products of its processing a comparison is made of technical and economic data, taking into account prime cost and market prices of coal, coke, semicoke, phenol, aniline and phthalic anhydride. It is shown that under conditions of the present state, and prospective development, of coking and low-temperature carbonization coal, in Poland, it is economically advantageous to export the products of coking and aniline that is obtained as an intermediate in the processing of tar.

Card 1/1

BEKER, M. : WOLNICKI, E.

Profitableness of some investments in the chemical industry,

P. 211 (Chemik) Vol. 10, No. 7/8, July 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. VOL. 7, NO. 1, JAN. 1958

L 63235-65

ACCESSION NR: AP5018692

concentrate obtained from 1 ton of molasses yielded 800 kg of dry powder, containing 10 to 15% of L-lysine. Cost of the product was calculated not to exceed 30 kopecks per kg. Further work is being conducted on methods of isolation of crystalline L-lysine. Orig. art. has: 1 diagram.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: LS, 00

NO REF SOV: 000

OTHER: 000

L 5194-66

ACC NR: AP5025008

SOURCE CODE: UR/0286/65/000/016/0067/0068

AUTHOR: Bekar, M. Ya. ^{44,55}

ORG: none

TITLE: An apparatus for cultivating microorganisms. Class 30, No. 173889

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 67-68

TOPIC TAGS: microorganism, bacteria, bacteriology,^{44,55} bacterial genetics

ABSTRACT: This Author Certificate presents an apparatus for cultivating microorganisms. The apparatus contains fermenters, pumps, ventilators, heat exchangers, and sterilizers (see Fig. 1). To provide simultaneous fermentation and partial dehydration of the culture liquor, the fermenter is connected to a reservoir containing a desiccant and is provided with an atomizer for culture liquor and with a pumping system for circulating the liquor during the process of cultivation. To carry out the final drying of the atomized culture liquor, the fermenter may be

Card 1/2

UDC: 576.8.093.33

09070767

L 5127-66

ACCESSION NR: AP5023651

SUBMITTED: 00

ENCL: 00

SUB CODE: IP

NO REF SOV: 002

OTHER: 003

OC
Card 2/2

BEKER, M.Ye. [Bekers, M.]; UPIT, A.A. [Upits, A.]

Thermoresistance and psychroresistance of some yeasts in drying.
Prikl. biokhim. i mikrobiol. 1 no.3:311-315 My-Je '65.

(MIRA 18:7)

1. Institut microbiologii AN Latvyskoy SSR.

BEKER, M. Ye.: Master Tech Sci (diss) -- "The acceleration of drying of yeasts
in the suspended state, and the effect of basic, little-studied factors on the
activity of dried yeasts". Riga, 1959. 23 pp (Inst of Forestry Problems of
the Acad Sci Latvian SSR), 200 copies (KL, No 9, 1959, 114)

5(3)

SOV/71-59-3-19/23

AUTHOR: Beker, M.Ye.

TITLE: VAVAS Dryer for Drying Fine, Loose and Paste-Like Material
(Sushilka "VAVAS" dlya sushki melkogo sypuchego i pastobraznogo materiala)

PERIODICAL: Spirtovaya promyshlennost', 1959, Nr 3, pp 42-44 (USSR)

ABSTRACT: For the purpose of investigating the process of drying yeast experimental dryers of 2 types, - a laboratory semiproductional and a productional type designed on the pneumatic aerofountain principle, - were developed at the Rzhskiy drozhzhevoy zavod (Riga Yeast Plant). On the 2-phase productional VAVAS type dryer it is possible to dry paste-like products (like pressed yeast) as well as fine loose material (such as starch, salts, etc). The design prevents sticking of pasty products to the interior walls of the dryer. The VAVAS dryer, of which a schematic diagram is shown, can work on a continuous as well as on a temporary basis at a relatively low temperature of the drying agent (air, smoke-gas) which can either be blown-in, or sucked-out of the dryer. The grinding machine of the worm-press

Card 1/3

SOV/71-59-3-19/23

VAVAS Dryer for Drying Fine, Loose and Paste-Like Material

type is equipped with a die and a cutting knife. During continuous operation this machine feeds the product into the dryer without interruption, the product being taken up by 2 different air currents into the interior, so-called, expander, from which it passes into the outer expander for final processing. Having reached the desired degree of humidity, the product passes into the cyclone separator and can be directed into the grinding machine, where it can be used for pre-drying products of a very high degree of moisture, such as yeast with 76% of humidity. The initial air blast has a temperature of 80-90°C and a speed of 15-18 m per second. With the intensive evaporation of moisture in the inner expander there has no overheating of yeast been observed yet; in a temperature of 35-40°C of the outer expander the drying of the yeast is finished in 50-55 min. On the same VAVAS dryer the drying of potato- and corn starch of 38-40% moisture can be carried out, also the drying of paste-like and fine loose products with any desired degree of final humidity. The higher the temperature which the product

Card 2/3

SOV/71-59-3-19/23

VAVAS Dryer for Drying Fine, Loose and Paste-Like Material

can stand and the finer the grind, the more effective becomes the work of the dryer. In the case of pressed baker yeast the output of the dryer has attained 500 kg per 24 hours and in the case of dried starch, at a final drying temperature of 70-75°C, 22.4 ton per 24 hours. The operation of the dryer can be mechanized and automated. There are: 1 schematic diagram, 1 table, and 1 Soviet reference.

Card 3/3

BEKER, M. Ye. [Bekers, M.]; BARTOSHEVICH, G.I.; VIYESTUR, U.E. [Viesturs, U.];
LAZHE, Ya.Ya. [Laze, J.]

Growing and drying of fodder yeast in the Milgravis Distillery.
Ferm. i spirt. prom. 30 no.7:29-33 '64 (MIRA 18:2)

1. Institut mikrobiologii AN Latvyskoy SSR (for Beker). 2. Mil-
gravskiy spirtovoy zavod (for Bartoshevich). 3. Sovet narodnogo
khozyaystva Latvyskoy SSR (for Viyestur, Lazhe).

BEKER, M.Ye.

"Vavas" air-filter starch dryer. Sakh.prom. 35 no.7:73-76 J1 '61.
(MIRA 14:7)

1. Sovnarkhoz Latviyskoy SSR.
(Latvia—Starch industry—Equipment and supplies)

BEKER, M.Ya., kand. tekhn. nauk, red.; VIYESTURS, U.R. [Viesturs, U.]
red.; DAMBERGA, B.A., kand. biol. nauk, red.; KUKAYN, R.A.,
[Kukains, R.], doktor med. nauk, red.; KARKLIN'SH, R.Ya.
[Karklins, R.], kand. tekhn. nauk, red.; STURIS, T.E., red.;
YAKOBSON, Yu.O. [Jakobsons, J.], kand. biol. nauk, red.

[Microbiological processes and production] Mikrobiologicheskie protsessy i proizvodstvo. Riga, Izd-vo AN Latv.SSR, 1964. 153 p. (MIRA 17:8)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu Akademija. Mikrobiologijas instituts.

ARESHKINA, L.Ya.; ~~BEKER, M.Ya.~~; BUKIN, V.N.; KARKLIN'SH, R.Ya. [Karklins, R.];
KLYUYEVA, N.M.; KUTSEVA, L.S.; LIYEPIN'SH, G.K. [Liepins, G.]

Microbiological synthesis of L-lysine. Prikl. biokhim. i
mikrobiol. 1 no.4:396-403 J1-Ag '65.

(MIRA 18:11)

1. Institut biokhimii imeni A.N.Bakha AN SSSR, Institut
mikrobiologii imeni A.Kirkhensteina AN Latvyskoy SSR i
Rizhskiy zavod biokhimicheskikh preparatov.

BEKER, S.M., prof.

Alcoholism and pregnancy. Rab. 1 sial. 37 no.3:23-24 Mr !61.

(MIRA 14:3)

(Alcoholism)

(Pregnancy)

L 63235-65

ACCESSION NR: AP5019692

concentrate obtained from 1 ton of molasses yielded 800 kg of dry powder, containing 10% of L-lysine. Cost of the product was calculated not to exceed 30 kopeck per kg. Further work is being conducted on methods of isolation of crystalline L-lysine. Orig. art. has 1 diagram.

ASSOCIATION: none

SUBMITTED: 01

ENCL: 00

SUB CODE: 15, 00

NO REP 800 000

OTHER: 000

Card 2/2

KRIZOVSKAYA, N.I.; BEKERMANN, A.M.

Phytobezoar of the stomach (false tumor) in a 13-year-old child treated conservatively. *Pediatrics* 37 no.11:74-76 N '59. (MIRA 13:3)

1. Iz kliniki propedeviki detskikh bolezney (zaveduyushchiy - prof. V.A. Vlasov) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova na baze Detskoy klinicheskoy bol'nitsy imeni N.F. Filatova (glavnyy vrach M.N. Kalugina).

(BEZOARS case reports)

(STOMACH neoplasms)

BEKERMAN, F.A., inzh.; SERPIK, N.M., kand. tekhn. nauk

Temperature for tempering crawler links from KDLVT steel.
Trakt. i sel'khoz mash. no.10:42 O '64. (MIRA 17:12)

1. Bezhitskiy staleliteynny zavod.

BALASHOV, M.I.; BEKERMANN, F.A.; PEREVEZENTSEV, T.G.; Prinimali uchastiye:
SMIRNOVA, L.G., rabotnik; ZHIGALENKOVA, R.S., rabotnik;
DUBOVA, L.S., rabotnik

Prevention of waterleaks in iron castings. Lit. proizv. no.1:
40 Ja '65. (MIRA 18:3)

1. TSentral'naya zavodskaya laboratoriya (for Smirnova, Dubova,
Zhigalenkova).

BEKERMANN, F.A.; KANTOR, M.M.; SERPIK, N.M.; KUGEL', R.V.

Low-alloy steel for tractor track units. Lit. proizv. no.9:l-2 S '64.
(MIRA 18:10)

(N) L 10817-66 EWT(m)/ENA(d)/ENP(t)/ENP(z)/ENP(b) LJP(c) MJW/JD
 ACC NR. AP8000041 SOURCE CODE: UR/0343/65/000/009/0043/0043
 AUTHOR: ^{44,55} Bekerman, F. A. (Engineer); Kantor, M. M. (Professor); Serpik, N. M. (Candidate of technical sciences); ^{44,55} Romashov, B. A. (Engineer)
 ORG: [Bekerman] Bezhitsk Steel Mill (Bezhitskiy staleliteyny zavod); [Kantor, Serpik] Bryansk Institute of Transport Machinery Building (Bryanskiy institut transportnogo mashinostroyeniya); [Romashov] Bryansk Automobile Plant (Bryanskiy avtomobil'nyy zavod)
 TITLE: Investigation of a new brand of steel for tracks of T-140 tractors
 SOURCE: Traktory i sel'khoz mashiny, no. 9, 1965, 43
 TOPIC TAGS: steel, tracked vehicle, high alloy steel, vehicle component, *CHEMICAL COMPOSITION, CARBON STEEL, SOLID MECHANICAL PROPERTIES, T-140 TRACKED VEHICLE, 18KHGST STEEL, 20KHG2ST STEEL*
 ABSTRACT: The Bezhitsk Steel Mill (Bezhitskiy staleliteyny zavod), Bryansk Institute of Transport Machinery Building (Bryanskiy institut transportnogo mashinostroyeniya), and Bryansk Automobile Plant (Bryanskiy avtozavod) have conducted a study aiming to replace the high-alloy and expensive KDLVT steel for tracks of T-140 tractors with either 20KhG2ST or 18KhGST steel. The chemical compositions of the two steels investigated are given in Table 1 (in %). The 20KhG2ST steel was chosen over the 18KhGST steel because a high carbon content leads to a reduction in the impact strength of the steel, and test melts with a high magnesium content showed cracks when the castings were hammered out of their molds. It is noted that
 Card 1/2 UDC: 669.14.018:629.11.01.012.57

L 10817-66

ACC NR: AP6000041

15

Brand of steel	C	Mn	Si	Ti	Cr	P	S
20KhG2ST	0.17-0.24	1.3-1.6	0.5-0.8	0.06-0.1	0.6-0.9	<0.045	<0.045
18KhGST	0.15-0.22	1.0-1.3	0.5-0.8	0.06-0.1	0.6-0.9	<0.045	<0.045

Table 1. Chemical composition of 20KhG2ST and 18KhGST steels

the cost per ton of the experimental steel is 40 rubles below that of KDLVT steel, and that the mechanical treatment of the former is considerably easier than that of the latter. T. G. Perevezentsev, R. S. Zhigalenkova, L. S. Dubova, and L. D. Smirnova, of TsZL of Bezhitsk Steel Mill, took part in determining the mechanical properties of the steel. Orig. art. has: 2 figures and 3 tables.

SUB CODE: 11, 13 / SUBM DATE: none

Card

USSR / General Problems of Pathology. Experimental Treatment. U-5

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 47021

Author : Bekernan, G.I.

Inst : Not given

Title : The Effect of Ovary Irradiation up to the Level of
Estrogenic Stimulation of the Female Organism and the
Clinical Course of Breast Cancer.

Orig Pub : V sb.: Vopr. onkologii, Vyp. 8. M.-L., Medgiz, 1955,
157-166.

Abstract : The level of estrogenic stimulation (LE) was determined
in 103 women suffering from neglected breast cancer by
vaginal smears before and after X-ray treatment of the
ovaries. In 88 patients the irradiation caused a
marked drop of LE, which was mostly accompanied by clin-
ical improvement. In cases where LE was low prior to
irradiation, no therapeutic improvement was observed.

Card 1/2

BEKERMEN, L. S., Mbr., Chair Pathological Physiology, -cl948-, First Leningrad
Med. Inst. imeni Acad. I. P. Pavlov.

"Problem of Variations in the Oxidation Processes Due to Labectomy and
neumonectomy," Khirurgiya, No 9, 1948.

BEKERMANN, L. S.

PA 31/49T4

USSR/Medicine - Peritonitis, Etiology
and Pathogenesis
Medicine - Peritonitis, Therapy

Aug 48

"Etiology and Pathogenesis of Peritonitis
Encapsulans," L. S. Bekerman, Faculty Surg Clinic,
First Leningrad Med Inst imeni Acad I. P. Pavlov, 4 pp

"Klin Med" Vol XXVI, No 8.

Describes three cases of subject disease. States
views on course and treatment of disease.

31/49T4

Bekerman, L.S.

GIRGOLAV, S.S., professor (Leningrad); LEVIT, V.S., professor (Moskva);
BABCHIN, I.S., professor (Leningrad); BAKULEV, A.N., professor
(Moskva); ~~BEKERMANN~~, L.S., dotsent (Leningrad); VAYNSHTEYN, V.G.,
professor (Leningrad); GERTSBERG, V.G., professor (Kazan');
GINZBERG, M.M., professor (Moskva) [deceased]; GOTLIB, Ya.G.,
professor (Moskva); DZHANELIDZE, Yu.Yu., professor (Leningrad);
DRACHINSKAYA, Ye.S., dotsent (Leningrad); YELANSKIY, N.N., professor
(Leningrad); KORNEV, P.G., professor (Leningrad); KOCHERGIN, I.G.,
professor (Moskva); LIMBERG, A.A., professor (Leningrad); LIMBERG,
B.B., professor (Moskva); MEZENEV, S.A., dotsent (Leningrad);
NAZAROV, V.M., professor (Leningrad); OZEROV, A.D., professor (Leningrad) [deceased]; OSTEN-SAKEN, N.Yu., professor (Leningrad) [deceased];
PETROV, N.N., professor (Leningrad); POLENOV, A.L., professor (Leningrad); SAMARIN, N.P., professor (Leningrad); SHVARTS, N.V., professor
(Leningrad) [deceased]; SHAMOV, V.N., professor (Leningrad);
SHABANOV, A., redaktor

[Manual of specialized surgery] Uchebnik chastnoi khirurgii. Sost.
I.S.Babchin i dr. Izd. 2-oe, ispr. 1 dop. Moskva, Markomzdrav SSSR,
Gos. izd-vo med. lit-ry "Medgiz," Vol.1. 1946. 363 p. (MIRA 10:2)
(SURGERY)

BEKERMANN, R., inzh.

Formation of a mixed crew has improved our work organization.
Stroitel' no.3:20 Mr '58.

(MIRA 11:2)

(Earthwork)

BEKERMAN, R., insh.

Panel foundations. Streitl' no.4:22 Ap '59.
(Foundations) (Concrete slabs)

(MIRA 12:6)

LIPOVETSKIY, Maks Adol'fovich; BEKERMAN, R.Ye., red.; TISTROVA, O.N.,
red.; FRIDKIN, L.M., tekhn. red.

[Concrete pumps and their use in hydroelectric power-station
construction] Betononasosy i ikh primeneniye v gidroenergetiche-
skom stroitel'stve. Moskva, Gosenergoizdat, 1963. 182 p.
(MIRA 16:5)

(Concrete construction) (Pumping machinery)
(Hydraulic structures--Design and construction)

YEREMIN, Aleksey Petrovich [deceased]; CHAPLYGIN, Dmitriy Vladimirovich;
BEKERMANN, R.Ye., red.; VORONIN, K.P., tekhn. red.

[Transportation of large amounts of concrete in hydraulic construction] Transport massovogo betona v gidrotekhnicheskom stroitel'stve.
Moskva, Gos. energ. izd-vo, 1961. 114 p. (MIRA 14:10)
(Concrete--Transportation) (Hydraulic structures)

BEKERMANN, R.Ye.

SANDOMIRSKIY, Georgiy Borisovich; STANKIYEV, Boris Mikhaylovich; BEKERMANN, Roman Yefimovich; SUZANOVICH, Dmitriy Frantsevich; KANDALOV, I.I., professor, redaktor; OBREZKOV, S.S., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor.

[Handbook of construction equipment for use in hydroelectric power plant construction] Spravochnik stroitel'nogo oborudovaniia dlia gidroenergeticheskogo stroitel'stva. Moskva, Gos. energ. izd-vo, 1954. 287 p. (MIRA 8:2)

(Hydraulic engineering) (Building machinery)

BEKERMAN, R.Ye., inzh., red.; YANUTSEVICH, L.F., red.

[Beginning power engineers] Molodye energostroiteli. Moskva, Gosenergoizdat, 1961. 79 p. (MIRA 17:1)

1. Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva elektrostantsii.

LIPOVETSKIY, Maks Adol'fovich; TISTROVA, O.N., red.; BEKERMAN, R.Ye.,
red.; PRIDKIN, L.M., tekhn. red.

[Concrete pumps and their use in hydraulic engineering
construction] Betononasosy i ikh primeneniye v gidroenergeti-
cheskom stroitel'stve. Moskva, Gosenergoizdat, 1963. 182 p.
(Pumping machinery) (Concrete construction) (MIRA 16:4)
(Hydraulic structures)

YEFRIMOV, Grigoriy Aleksandrovich; CHUDNIKOVSKIY, Leonid Vakulovich;
BEKERMANN, R.Ye., red.

[Mechanizing operations for cleaning foundation pits; in
hydraulic engineering construction] Mekhanizatsiya rabot
po zachistke osnovanii kotlovanov; v gidroenergeticheskom
stroitel'stve. Moskva, Energiya, 1964. 35 p.
(MIRA 18:1)

137-58-2-3417

BEKERMAY, YE. A.

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 162 (USSR)

AUTHORS: Serpik, N. M. , Bekerman, Ye. A.

TITLE: Heat Treatment of Low-Alloy Steel Castings (Termicheskaya obrabotka otlivok iz nizkouglerodistoy stali)

PERIODICAL: Tekhnol. transp. mashinostroyeniya, 1957, Nr 7, pp 11-13

ABSTRACT: Eleven different heat treatment schedules for 8 melts of steel of the following percent composition: C 0.17-0.24, Mn 0.65-0.79, S 0.028-0.032, P 0.020-0.028, Si 0.28-0.33, were tested to clarify the effects of deviations in the heat temperatures and holding time upon the mechanical properties of steel, and also to determine the advantages of localized annealing (LA) over low-temperature treatment and the possibility of air cooling of steel when LA is performed. It was found from mechanical testing (for σ_b , σ_s , δ and ψ) and metallographic investigation that LA is a cheaper operation than low-temperature annealing and more conducive to improving plastic properties. Annealing followed by air-hardening is the most advantageous procedure. Temperature fluctuations from A_{c1} to $A_{c1}+60$, and holding time fluctuations from 15 to 90 minutes do not affect the mechanical properties.

Card 1/1

A. B.

1. Steel castings--Heat treatment

MERKAS, Zlatko, dr.; BEKERUS, Milos, dr.

Clinical analysis of 127 cases of cancer of the lower lip treated from 1951-1952. Srpski arh. celok lek. 82 no.9:1062-1068 Sept 54.

1. Radioloski institut Medicinskog fakulteta u Beogradu, upravnik prof. dr. Stojan Dedic.

(LIPS, neoplasms
of lower, radiother.)
(RADIOTHERAPY, in various dis.
cancer of lower lip)

MERKAS, Zlatko; BEKERUS, Milos

Clinical picture and classification of lingual cancer. Srpski.
arh. celok. lek. 84 no.5:630-637 May 56.

1. Radioloski institut Medicinskog fakulteta u Beogradu.
Upravnik: prof. dr. Stojan Dedic.
(TONGUE, neoplasms,
classif. & clin. aspects (Ser))

GADJANSKI, Branislav; BEKERUS, Miodosh; JANKOVIC, Ivan; BRZAKOVIC, Predrag

Treatment of malignant melanomas of the skin. Srpski arh. celok.
lek. 87 no. 7-8:621-627 J1-Ag '59.

1. Radioloski institut Medicinskog fakulteta u Beogradu, upravnik:
prof. dr. Bogoljub Bošnjakovic.

(SKIN neopl.)

(MELANOMA ther.)

MERKAS, Zlatko; BENKUS, Milos

5-year results of radiological therapy of cervical cancer.
Srpski arh. celok. lek. 87 no.10:905-911 0 '59.

1. Radioloski institut Medicinskog fakulteta u Beogradu,
upravnik: prof. dr Bogoljub Bosnjakovic.
(CERVIX NEOPLASMS radiother.)

GADJANSKI, Branislav; JANKOVIC, Ivan; BRZAKOVIC, Predrag; BEKURUS, Milos

Therapy of hemangiomas by means of Chaoul's contact therapy.
Srpski arh. celok. lek. 87 no.11:1001-1007 N '59.

1. Radioloski institut Medicinskog Fakulteta u Beogradu, Upravnik:
prof. dr Bogoljub Bosnjakovic.
(HEMANGIOMA radiother.)

BECKERUS, Milos

Use of cobalt-60 in therapy. Srpski arh. celok. lek 87 no.11:
1041-1045 M '59.

1. Radioloski institut Medicinskog Fakulteta u Beogradu; Upravnik:
prof. dr Bogoljub Bošnjakovic.
(COBALT radioactive)

BOSNJAKOVIC, Bogoljub, prof. dr.; MERKAS, Zlatko, doc.dr.; BEKERUS,
Milos, dr.

Our preliminary results of the treatment with Sr90. Med.glasn. 14
no.5:257-259 My '60.

1. Radioloski institut Medicinskog fakulteta u Beogradu (Upravnik:
prof. dr B.Bosnjakovic)
(STRONTIUM radioactive)
(NEOPLASMS radiother)

JANKOVIC, Ivan; BEKERUS, Milos; MARKOVIC, Dragomir; BRZAKOVIC, Predrag

The problem of radiotherapy of osteogenic sarcoma. Med.arh., Sarajevo
14 no.6:35-39 N-D '60.

1. Radioloski institut Medicinskog fakulteta u Beogradu (Upravnik:
prof. d-r Bogoljub Bosnjakovic)
(SARCOMA OSTEOGENIC radiother)

MERKAS, Zlatko; BEKERUS, Miro; BOZIC, Radovan

Plastic induration of the penis. Srpski arh. celek. lek. 88 no.9:
881-885 S '60.

1. Radioloski institut Medicinskog fakulteta Univerziteta u Beogradu.
Upravnik: prof. dr Bogeljub Bosnjakovic.

(PENIS dis)

MERKAS, Zlatko; BEKERUS, Miles; PENDIC, Smilja

Radioactive iodine in the treatment of thyroid cancer. Srpski arh.
celok. lek. 88 no.10:1005-1009 0 '60.

1. Radiološki institut Medicinskog fakulteta Univerziteta u Beogradu.
Upravnik: prof. dr Bogoljub Bosnjakovic.

(IODINE radioactive) (THYROID GLAND neopl)

PENDIC, S.; MERKAS, Z.; BEKERUS, M.; NESTOROVIC, N.

Quantitative studies on erythropoiesis in malignant diseases irradiated by therapeutic doses of ionizing radiations. Prim. radioaktiv.izotop. 2 no.3:36-44 D '61.

1. Radioloski Institut Medicinskog fakulteta u Beogradu Upravnik Prof. Dr. B. Bosnjakovic.

(CHROMIUMISOTOPES)	(ERYTHROCYTES)	(RADIOTHERAPY)
(NEOPLASMS)		(HEMATOPOIESIS)

MERKAS, Zlatko; BEKERUS, Milos; PARUNOVIC, Milutin

Therapeutic results in carcinoma of the penis. Srpski arh. celok.
lek. 89 no.3:329-333 Mr '61.

1. Radioloski institut Medicinskog fakulteta Univerziteta u Beogradu.
Upravnik: prof. dr Bogoljub Bosnjakovic.

(PENIS neopl)

BEKERUS, Milos

STEFANOVIĆ, Božidar

Yugoslavia

Dentist Dr

Clinics of Otorhinolaryngology of the Medical
Faculty — Belgrade (Otorinolaringološka klinika
Medicinskog fakulteta — Beograd)

Belgrade, Medicinski Pregled, No 8, 1962, pp 457-458.

"Larynx Cancer In Women."

Co-authors:

DORDEVIĆ, Miroslav Dr, Clinics of Otorhinolaryngology
of the Medical Faculty — Belgrade (Otorinolaringološka
klinika Medicinskog fakulteta — Beograd),

BEKERUS, Milos Dr, Clinics of Otorhinolaryngology of the
Medical Faculty — Belgrade.

BEKES, Attila

Ferencvaros railroad station has made preparations for the final stage of the autumn peak traffic. Magy vasut 8 no.17:3 1 S '64.

BEKES, F.

Oxidimetric determination of synthetic and vegetable tannins in the presence of each other. E. Békés (Ungar. Forsch.-inst. Leder u. Schuhind., Budapest). Das Leder 6, 97-102 (1955).—Vegetable tannins consume several times as much KMnO_4 by the Loewenthal method as sulfite waste liquors. Syntans are based on the latter so that the proportion of each component can be detd. in a mixt. of 1 syntan and 1 vegetable tanning material. The poor precision of the Loewenthal method was improved as follows: The end point was detd. with a Pulfrich photometer by means of yellow filter S57 and titrating to an extinction of 0.8; it was reproducible to 0.1–0.05 ml., and const. for 3 hrs. The reduction potentials of the tannin-soln. components are close together. At a drop of KMnO_4 soln. difficultly oxidizable components may be oxidized before stirring is effective; also use of a more concd. KMnO_4 soln. or rapid addn. of it will result in greater consumption. An adjustable buret stopcock plug was devised so that KMnO_4 soln. could always be added at the rate of 50 ml. in 5 ± 0.1 min. throughout the titration. The KMnO_4 consumption increased with increase in concn. of either the tannin or the indigo-carmin solns. and with increase in acidity or temp. The KMnO_4 soln. was standardized with oxalic acid; gallic acid samples were too variable. Titrate as follows: To 750 ml. of H_2O in a flat porcelain dish (30 cm. diam.) add 25 ml. of indigocarmine soln. (4 g. plus 25 ml. $\text{H}_2\text{SO}_4/1$.) and 5 ml. of tannin soln. Stir with a stirrer blade 10 cm. long turned by a motor at 60 r.p.m. As KMnO_4 is added remove portions of soln. to a 5-ml. cell, measure extinction, and return the

(OVER)

E. BEKES

soln. Plot the results to find the end point of 0.8; with practice only 2 measurements will be needed. Repeat the titration with 5 ml. of tannin soln. from which the tannin has been removed by the shake method with weakly chromed hide powder. Det. tanning by difference. The KMnO_4 no. (1) is the ml. of 0.025N KMnO_4 soln. consumed by the pure tannin in 5 ml. of the soln. contg. 4 g. tannin/l. Values ranged from 0 for a synton to 17.4 for chestnut ext. The proportion (X) of synton in a mixt. is given by the equation: $X = [(V - M)/(V - S)] 100$, where V = 1 for the vegetable component, S = 1 for the synton, and M = 1 for the mixture. A decrease in purity did not alter 1 so the method is applicable to used tan liquors. Spent mixed vegetable-synton liquors from several sole and upper leather tanneries contained relatively more synton, showing that synton is taken up less readily than vegetable tannin. Although tannin take-up was altered by changes in pH, concn., and acid content of the liquors, relatively less synton always was taken-up.

I. D. C.

2/2

BEKES Ferenc; TERESZ, Gyula

Sampling by quota system in public opinion polls. Stat szemle
43 no.3:279-287 Mr '65.

1. Division of Public Opinion Polls of the Hungarian Radio
and Television, Budapest.

~~Dr.~~ BEKES, Gy

"How Statistical Work Supports the Work of District Libraries." p. 22

"Libraries are not good but Necessary." p. 23 (A Konyvtaros. Vol. 3, no. 6
June 1953, Budapest.)

Vol. 2, no. 9

SO: Monthly List of East European Accessions. /Library of Congress, Sept 1953, Uncl.

BENES, Gyorgy

Pathography of tubal torsion, *Magy. noorv. lap.* 21 no.1:27-31 Feb 58.

1. A Budapesti Orvostudományi Egyetem II. sz. női klinikájának
közleménye (Igazgató: Zoltan Imre dr. Egyetemi tanár)

(FALLOPIAN TUBES, dis.

torsion, case reports (Hun))

BEKES, Gyorgy, dr.; VARGA, Katalin, dr.

Results of transverse presentations. Magy. noorv. lap. 19 no.3:
163-170 May 56.

1. A Budapesti Orvostud. Egyetem II. sz. noi klin. kozl. igaz:
Zoltan, Iure, dr., egyetemi tanar).

(LABOR, PRESENTATION

transverse, surg. technics & results (Hun))

BEKES, Gyorgy, dr.

Nomenclature of portio changes based on the colposcopic picture.
Magy. nőorv. lap. 26 no.3:129-134 My '63.

1. A Budapesti Orvostudományi Egyetem II. sz. Női Klinikájának köz-
löménye (Igazgató: Zoltan Imre dr. egyetemi tanár).
(COLPOSCOPY) (CERVIX EROSION) (CERVIX NEOPLASMS)

A.T.A. ~~SECRET~~ I.

Summary of the outstanding articles published in the *Innovators' Journal* - *Piltak Loppu* in the third quarter of 1951.

July 15, 1951 issue.

A method has been worked out by I. Nikits of the Horticultural Research Institute, for infecting ears of rye with fungi in the interest of raising the propagation of therapeutic ergot, which is a valuable substance for the pharmaceutical industry. Many very valuable innovations are developed at the *Enterprise for the Application of Innovations*. For instance, it is here that the coal plough for advancing the mechanization of mining is being constructed as well as the new type drilling stock, the ergot infecting machine, etc. -- The management of the *Chludin Works* issued "Socialist requests" to those workers, who have distinguished themselves in the innovation movement to solve certain definite problems. The fulfillment of "Socialist requests" is an honorable duty of innovators. -- An article contrasts the rights of inventors in capitalist and Socialist societies. It shows the great moral and financial support and recognition extended to inventors and innovators of the Soviet Union and of the People's Democracies.

BEKES, Istvan

Janos Irinyi and the safety match; a 125-year-old Hungarian invention.
Elet tud 16 no.34:1059-1062 20 Ag '61.